Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
Data File : VX046781.D
Acq On : 20 Jun 2025 14:10
Operator : JC/MD
Sample : Q2366-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 20 23:14:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X061025W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 11 06:20:28 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
250618063-05-TRIP-BLANK

Manual Integrations APPROVED

Reviewed By :John Carlone 06/23/2025
Supervised By :Mahesh Dadoda 06/23/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	4.904	128	22890m	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.763	114	139681	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	128987	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	55687	30.054	ug/l	-0.02
Spiked Amount 30.000	Range 91 - 110		Recovery = 100.167%			
60) 4-Bromofluorobenzene	11.079	95	61011	28.062	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.533%			
63) Toluene-d8	8.647	98	165862	28.788	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 95.967%			
Target Compounds						Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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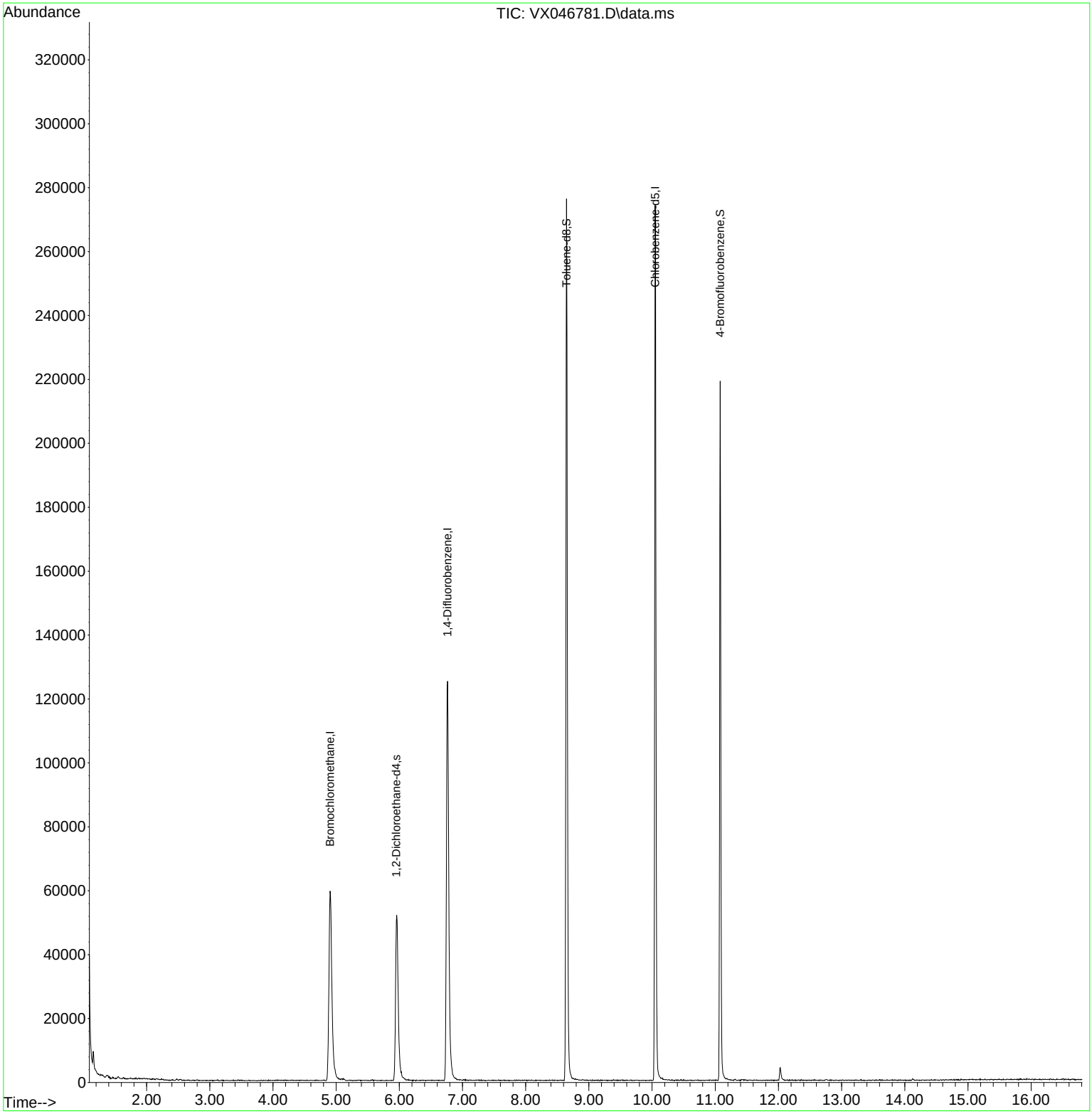
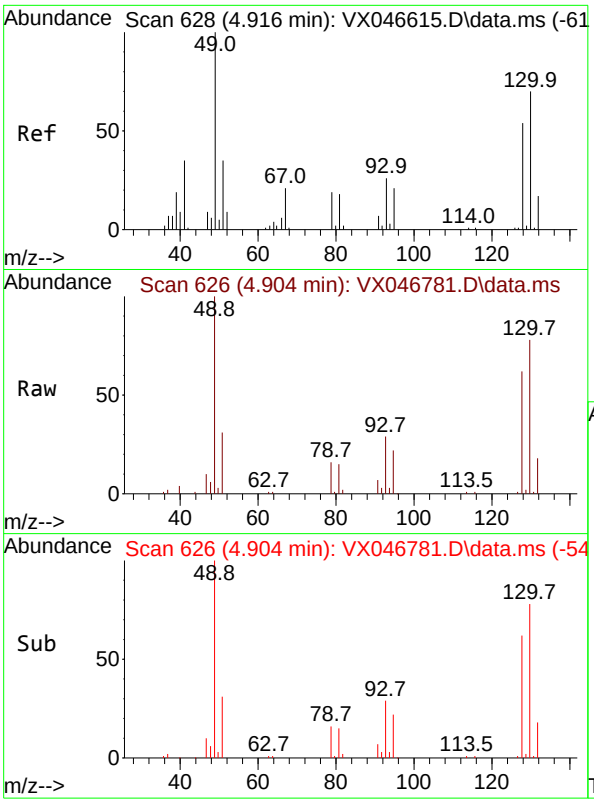
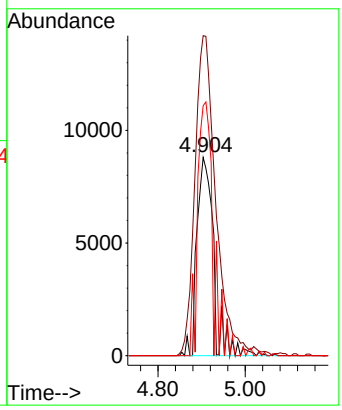




#1
Bromochloromethane
Concen: 30.000 ug/l m
RT: 4.904 min Scan# 6
Delta R.T. -0.012 min
Lab File: VX046781.D
Acq: 20 Jun 2025 14:10

Tgt Ion:128 Resp: 2289

Ion	Ratio	Lower	Upper
128	100		
49	205.4	0.0	448.3
130	94.3	0.0	312.0



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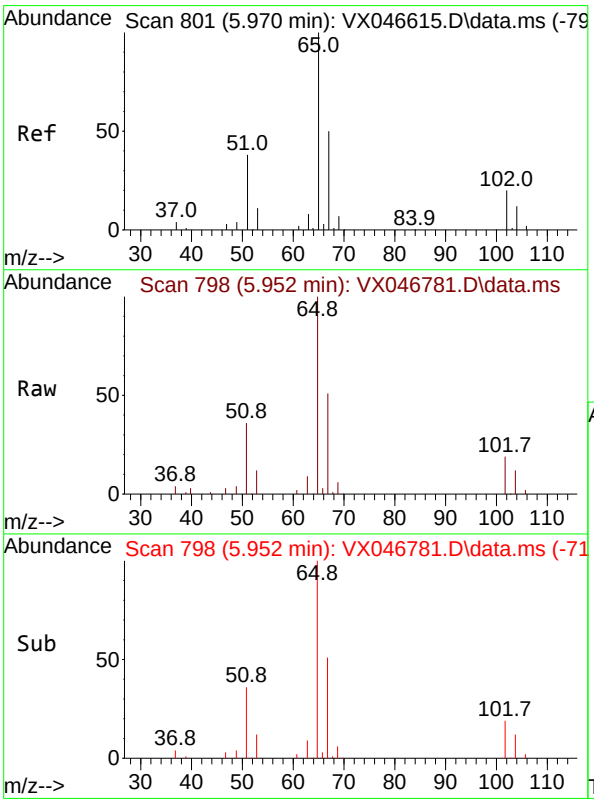
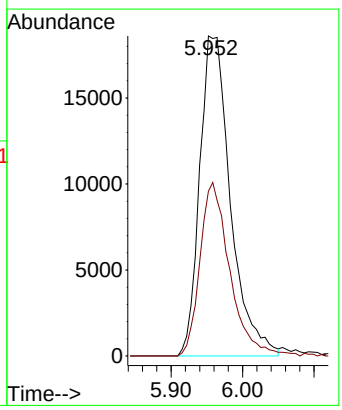
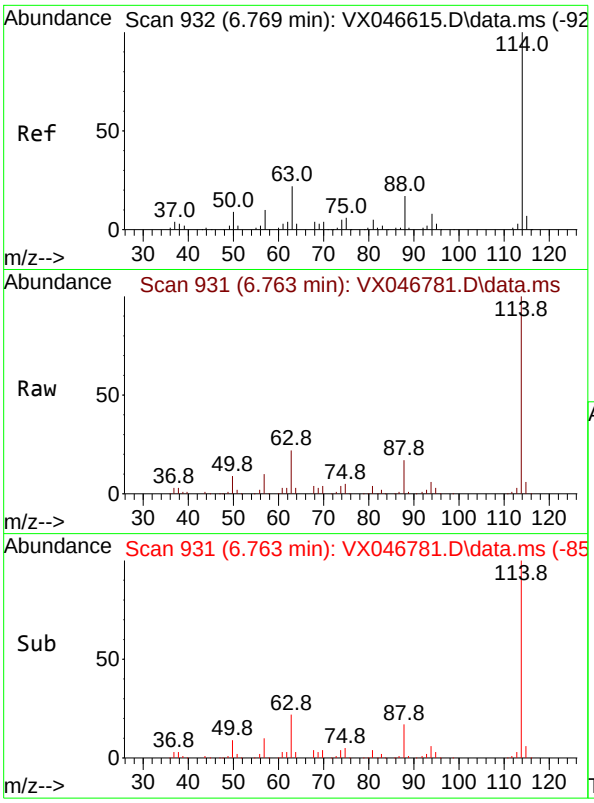


#27
1,2-Dichloroethane-d4
Concen: 30.054 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.018 min
Lab File: VX046781.D
Acq: 20 Jun 2025 14:10

Tgt Ion: 65 Resp: 55687

Ion	Ratio	Lower	Upper
65	100		
67	52.4	41.4	62.2





#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.763 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046781.D
Acq: 20 Jun 2025 14:10

Tgt Ion:114 Resp: 13968

Ion	Ratio	Lower	Upper
114	100		
63	21.3	18.1	27.1
88	16.2	14.1	21.1

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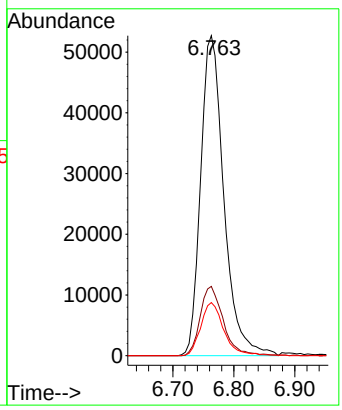
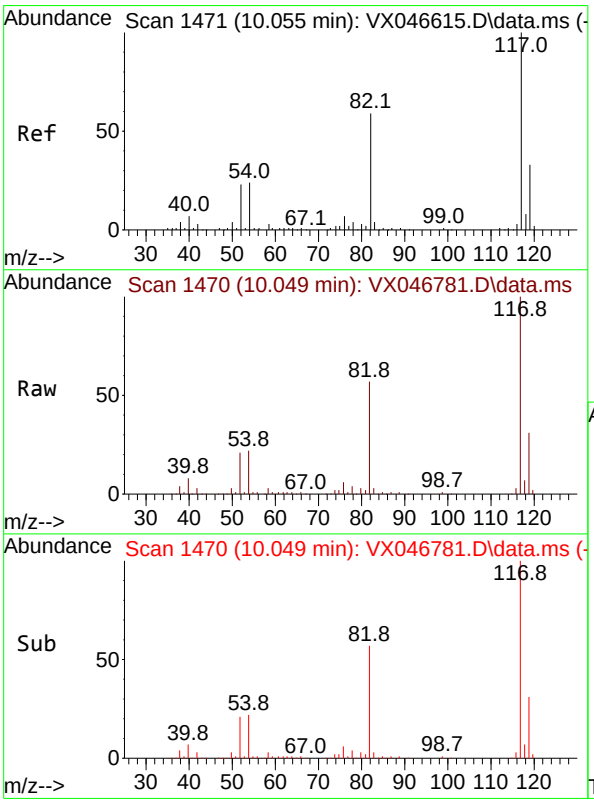
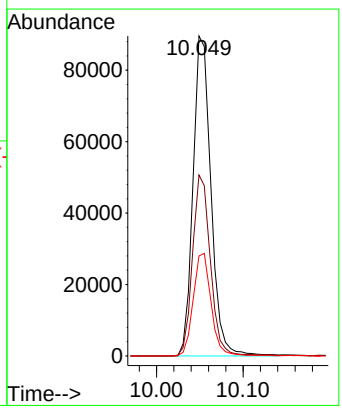


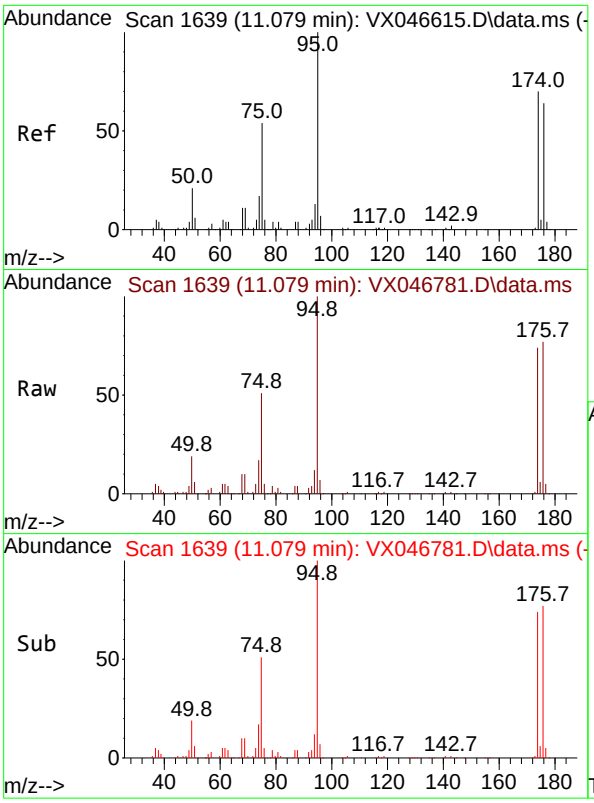


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046781.D
Acq: 20 Jun 2025 14:10

Tgt Ion:117 Resp: 128987

Ion	Ratio	Lower	Upper
117	100		
82	56.4	46.5	69.7
119	31.9	25.8	38.6

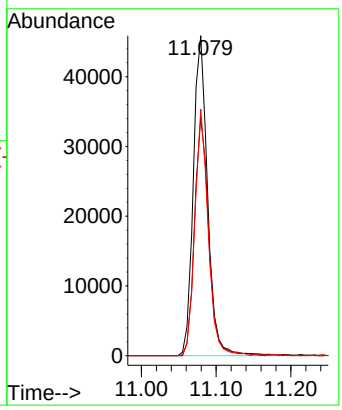




#60
4-Bromofluorobenzene
Concen: 28.062 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046781.D
Acq: 20 Jun 2025 14:10

Tgt Ion: 95 Resp: 6101

Ion	Ratio	Lower	Upper
95	100		
174	73.4	56.0	84.0
176	71.3	52.2	78.4



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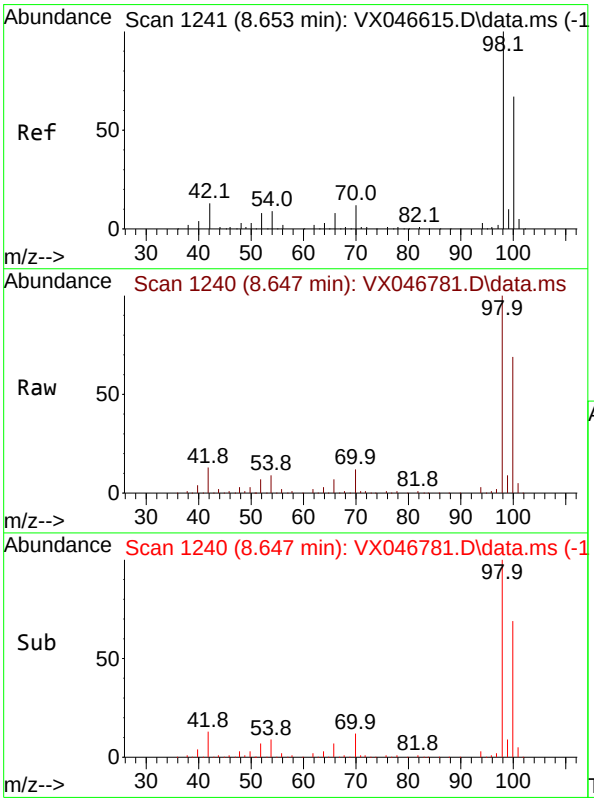

#63
Toluene-d8
Concen: 28.788 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX046781.D
Acq: 20 Jun 2025 14:10

Tgt Ion: 98 Resp: 165862

Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.6	79.0